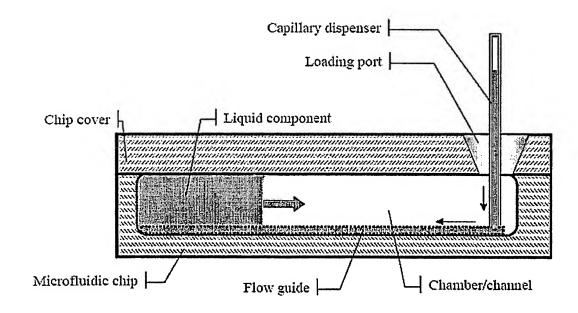
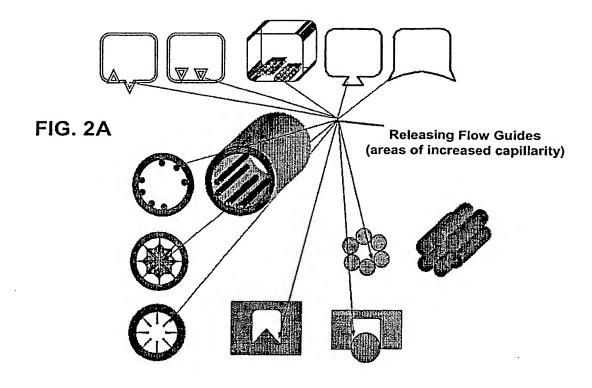
FIG. 1





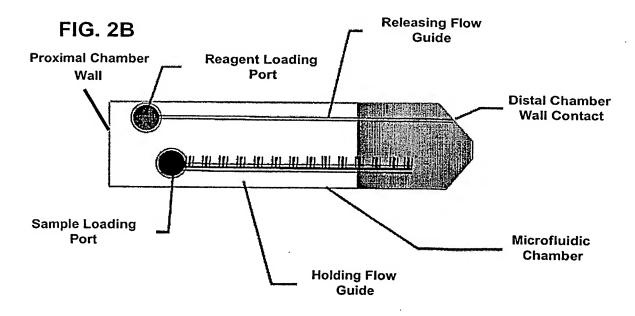


FIG. 3A-J

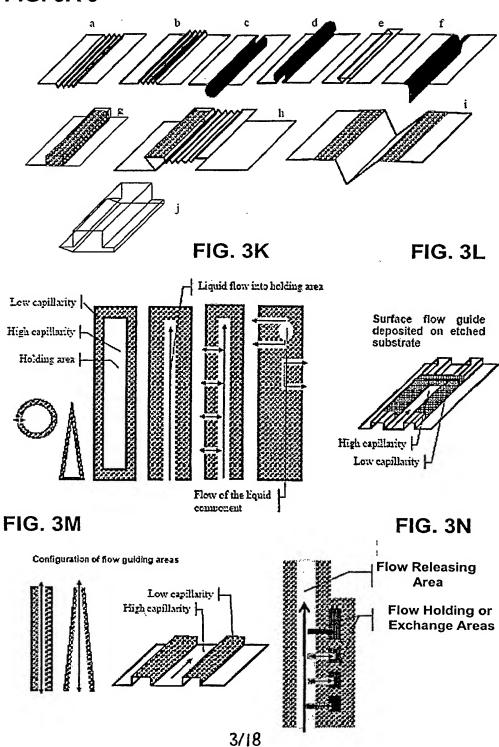
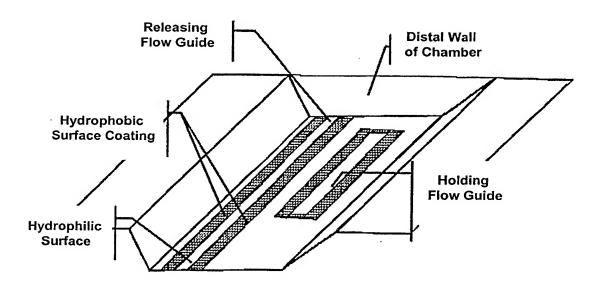


FIG. 30



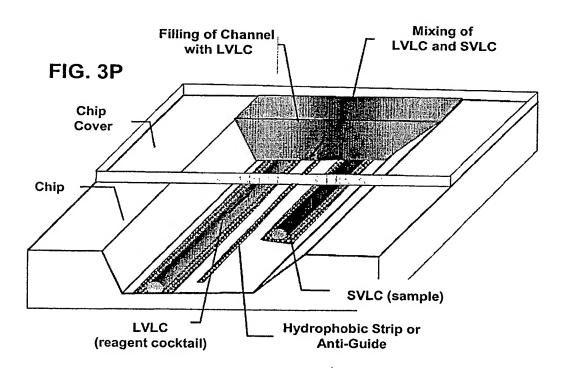


FIG. 4

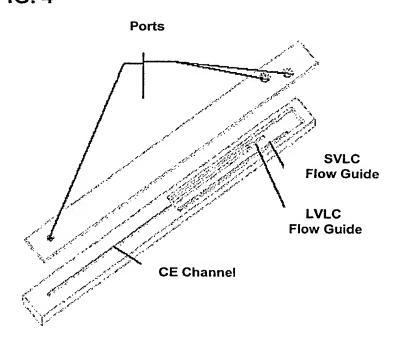


FIG. 5A

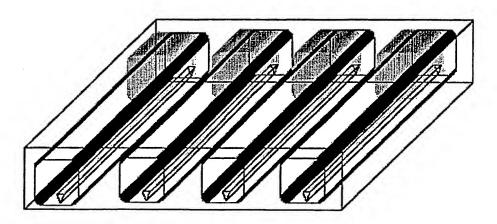
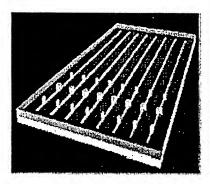


FIG. 5B



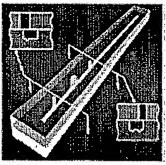
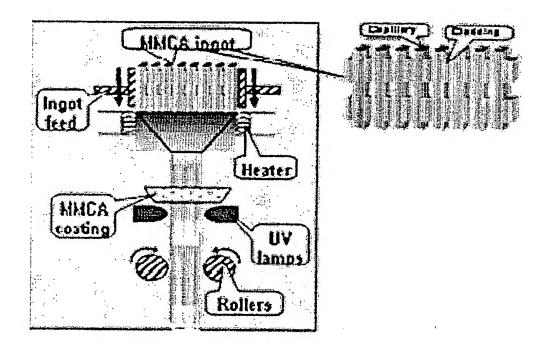


FIG. 6



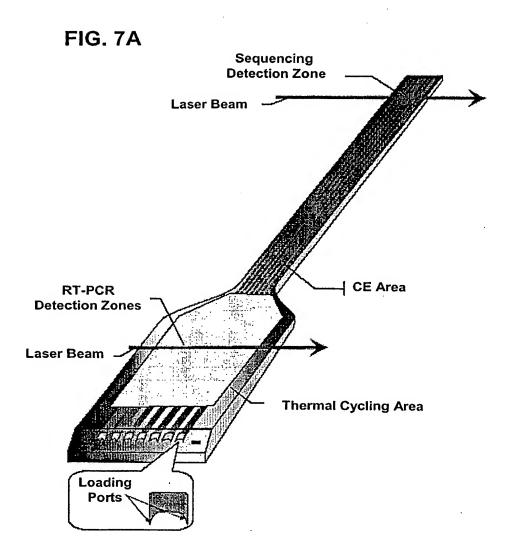


FIG. 7B

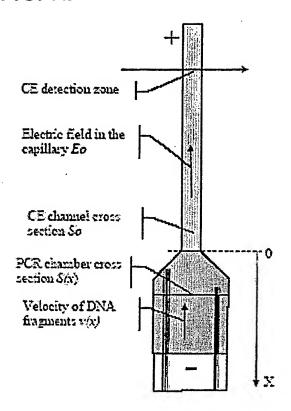


FIG. 7C

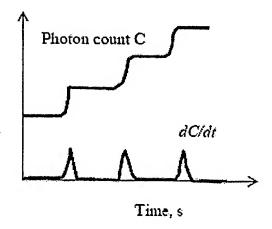


FIG. 8

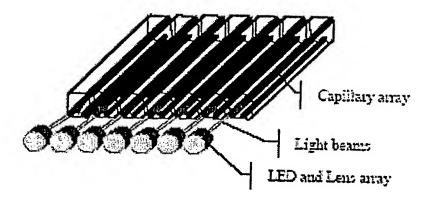


FIG. 9

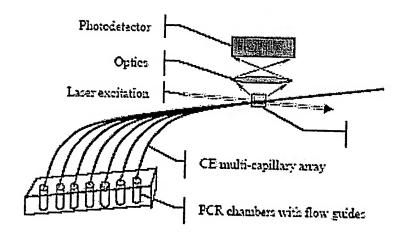


FIG. 10A

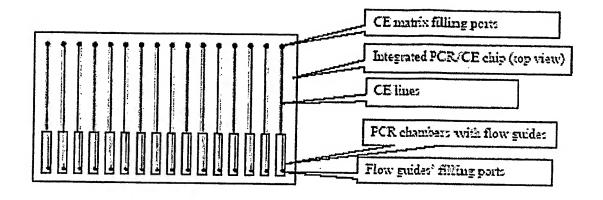


FIG. 10B

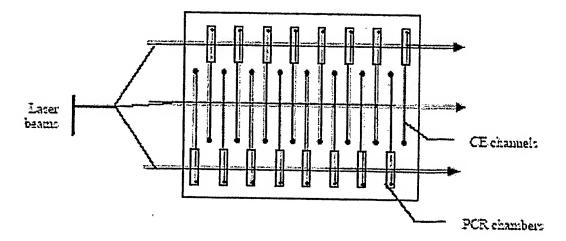


FIG. 11A

FIG. 11B

FIG. 11C

Small volume (sample) holding flow guide

Sample
Sample
Sample
Sample
Sample
Sample
Silling hole

PCR mix
Filling flow
guide

PCR mix
Filling hole

FCR mix
FIG. 11C

PCR capillary chamber

FIG. 12

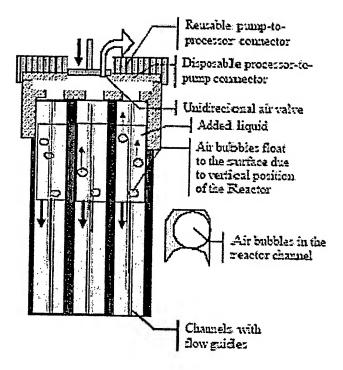


FIG. 13

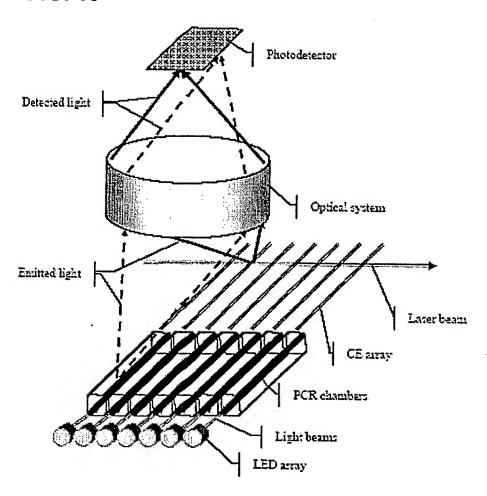


FIG. 14

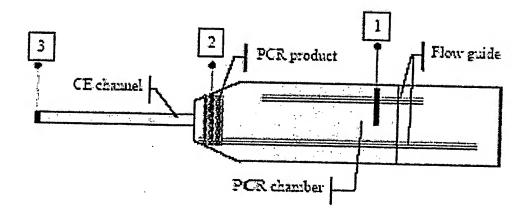


FIG. 15

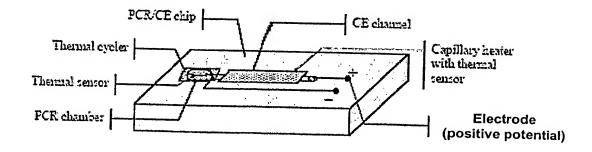


FIG. 16

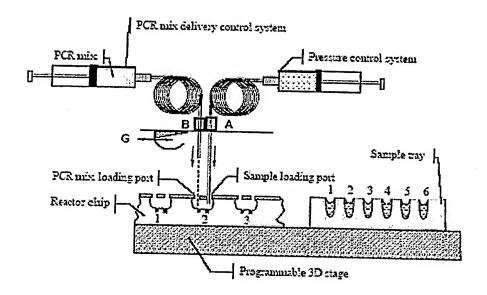


FIG. 17

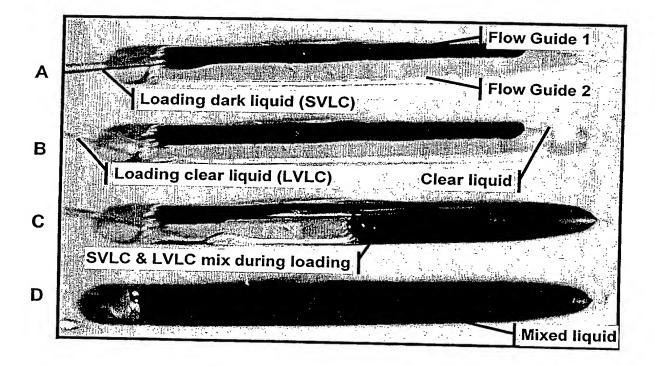


FIG. 18

